

# 4314 ebm-papst 24VDC 119x119x32mm 210mA Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [917250835896](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$34.99**

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Product Page:

<https://www.equipspares.com/product/4314-ebm-papst-24vdc-119x119x32mm-210ma-axial-fan>

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## Product Description

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The ebm-papst 4314 is a DC Axial Fan engineered for critical thermal management in industrial environments. Featuring a robust fiberglass-reinforced plastic (PBTP) housing and impeller, this unit optimizes aerodynamic efficiency while maintaining structural rigidity under continuous operation. The maintenance-free ball bearing system ensures low thermal impedance and extended service life, making it ideal for high-reliability applications. Its electronically commutated external rotor motor delivers consistent airflow performance with minimal power consumption, ensuring stable operation across a wide voltage range.

Model Number: 4314

Brand: ebm-papst

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 12.0 - 28.0 VDC

Rated Current: 210 mA (0.21 A)

Power Consumption: 5.0 W

Rated Speed: 2800 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 100.0 CFM (170 m<sup>3</sup>/h / 2.83 m<sup>3</sup>/min)

Max. Static Pressure: 7.95 mmH<sub>2</sub>O (78 Pa / 0.31 inH<sub>2</sub>O)

Dimensions: 119 x 119 x 32 mm

Weight: 0.22 kg (220 g)

Life Expectancy (L10 at 40°C): 80,000 hours

Life Expectancy (L10 at 75°C): 37,500 hours

Noise Level: 45 dB(A)

Housing Material: Fiberglass-reinforced plastic (PBTP)

Impeller Material: Fiberglass-reinforced plastic (PBTP)

Flammability Rating: UL 94 V-0

Ingress Protection: IP20

Insulation Class: E

Operating Temperature: -20 °C to +75 °C

Storage Temperature: -40 °C to +80 °C

Termination: 2 Wire Leads (AWG 22, TR 64)

Motor Protection: Reverse Polarity Protection, Locked Rotor Protection

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: Exhaust over struts

Approvals: VDE, CSA, UL, CE

Designed for versatile industrial cooling, the 4314 excels in maintaining optimal operating temperatures within inverter cabinets and telecommunications enclosures. Its compact profile allows for seamless integration into server racks and medical instrumentation where space is at a premium. The 4314 provides reliable forced convection for power supply units and automation control panels, ensuring component longevity by effectively dissipating heat loads in continuous duty cycles.

## Supplemental Images

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